XP-002245404

AN - 1987-227170 [32]
AP - SU19853937867 19850805
CPY - SEID-I
DC - S01 X12
FS - EPI
IC - G01R31/08
IN - KOLKER S M; SHPILSKII I M
MC - S01-G05 X12-G01C
PA - (SEID-I) SEIDER E S
PN - SU1278737 A 19861223 DW198732 008pp
PR - SU19853937867 19850805
XIC - G01R-031/08
XP - N1987-169746
AB - SU1278737 The section of the cable with reduced insulation resistance is determined using a cable bridge and the first operator connects terminal (6) to the cable. The second operator moves along the section with reduced resistance and the variable electromagnetic field around the cable is detected, amplified and displayed by an acoustic indicator, allowing the operator to accurately trace the cable. A converter is then placed on the ground over the cable at a determined place and the first operator passes a test signal.
- The voltage is passed from high voltage source (2) through converter (3) to unit (5) of accumulating capacitors, producing an impulse signal from extremum detector (9), setting trigger (12) to pass the signal from generator (13) through switch (14) and correlating amplifier (15) to terminal (16). Counter (17) ensures a determined number of periods of the signal from generator (13) pass into the cable. The signal in the cable is detected, amplified and converted to form a signal corresponding to the damaged point.
- USE - Detecting places of reduced electrical strength of insulation of cables in the ground. Bul.47/23.12.86 (8pp Dwg.No.1/5)
IW - ELECTRIC CABLE INSULATE BREAKDOWN POINT LOCATE TRANSMIT DETERMINE NUMBER PERIOD CABLE COUNTER DETECT SECTION FIX FAIL SITE
IKW - ELECTRIC CABLE INSULATE BREAKDOWN POINT LOCATE TRANSMIT DETERMINE NUMBER PERIOD CABLE COUNTER DETECT SECTION FIX FAIL SITE
INW - KOLKER S M; SHPILSKII I M
NC - 001
OPD - 1985-08-05
ORD - 1986-12-23
PAW - (SEID-I) SEIDER E S
TI - Electric cable insulation breakdown point locator - transmits determined number of periods into cable and counter detects section to fix failure site

BNSDOCID: <XP___2245404A__I_>